

## CLAIMS

1. A method of producing abrasive tools with abrasive particles composed of aluminum oxide, comprising the steps of producing a mixture of initial components with particles of  $\text{Al}(\text{OH})_3$ ; forming blanks of abrasive tools from the mixture; and subsequently subjecting the blanks to a heat treatment so that the particles of  $\text{Al}(\text{OH})_3$  are converted into abrasive particles of  $\text{Al}_2\text{O}_3$ .

2. A method of as defined in claim 1, wherein said forming includes making a sheet of the mixture of the initial components and the particles of  $\text{Al}(\text{OH})_3$ , and thereafter separating the blanks of the abrasive tools from the sheet.

3. A method as defined in claim 2, wherein said making a sheet includes rolling the mixture of the components with the particles of  $\text{Al}(\text{OH})_3$  between rolls.

A.C. 02/29/04  
S.V. 02/29/04  
GB 02/29/04

4. An abrasive tool, composed of blanks of abrasive tools from a mixture of components with particles of  $\text{Al}(\text{OH})_3$ , which are subsequently subjected to a heat treatment so that the particles of  $\text{Al}(\text{OH})_3$  are converted into particles of  $\text{Al}_2\text{O}_3$ .

4. An abrasive tool, composed of blanks of abrasive tools from a mixture; of components with particles of  $\text{Al}(\text{OH})_3$ , which are subsequently subjecting to a heat treatment so that the particles of  $\text{Al}(\text{OH})_3$  are converted into particles of  $\text{Al}_2\text{O}_3$ .